

Fig.1

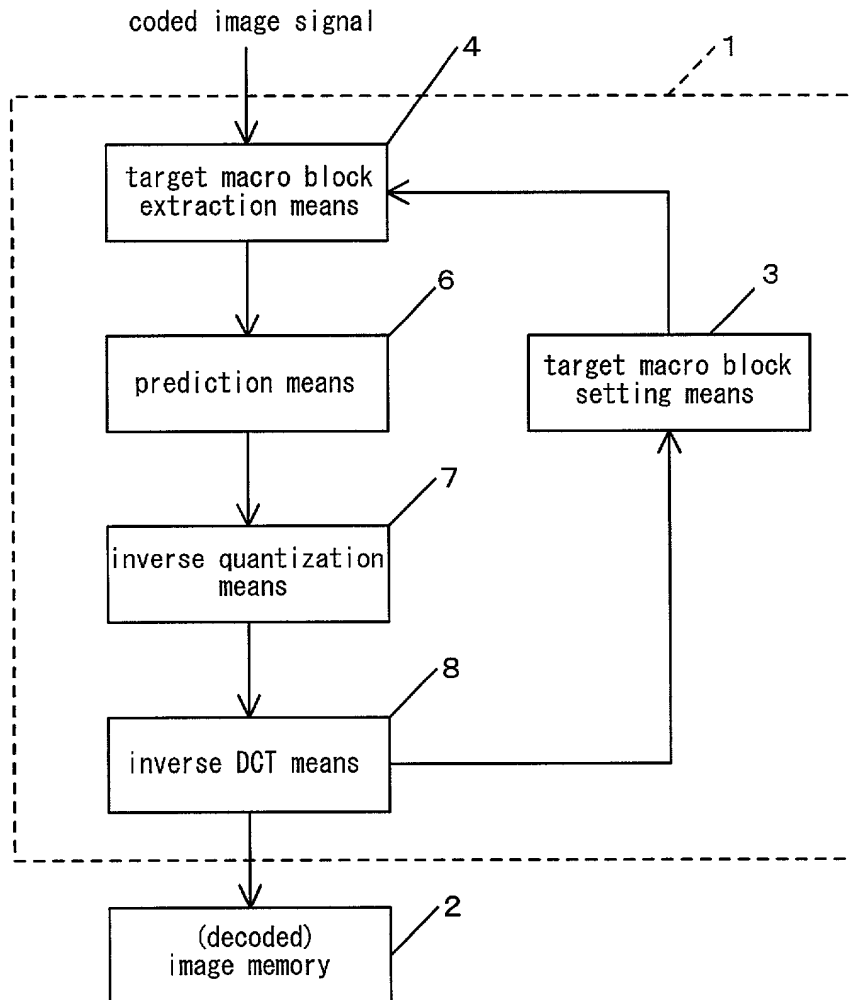


Fig.2

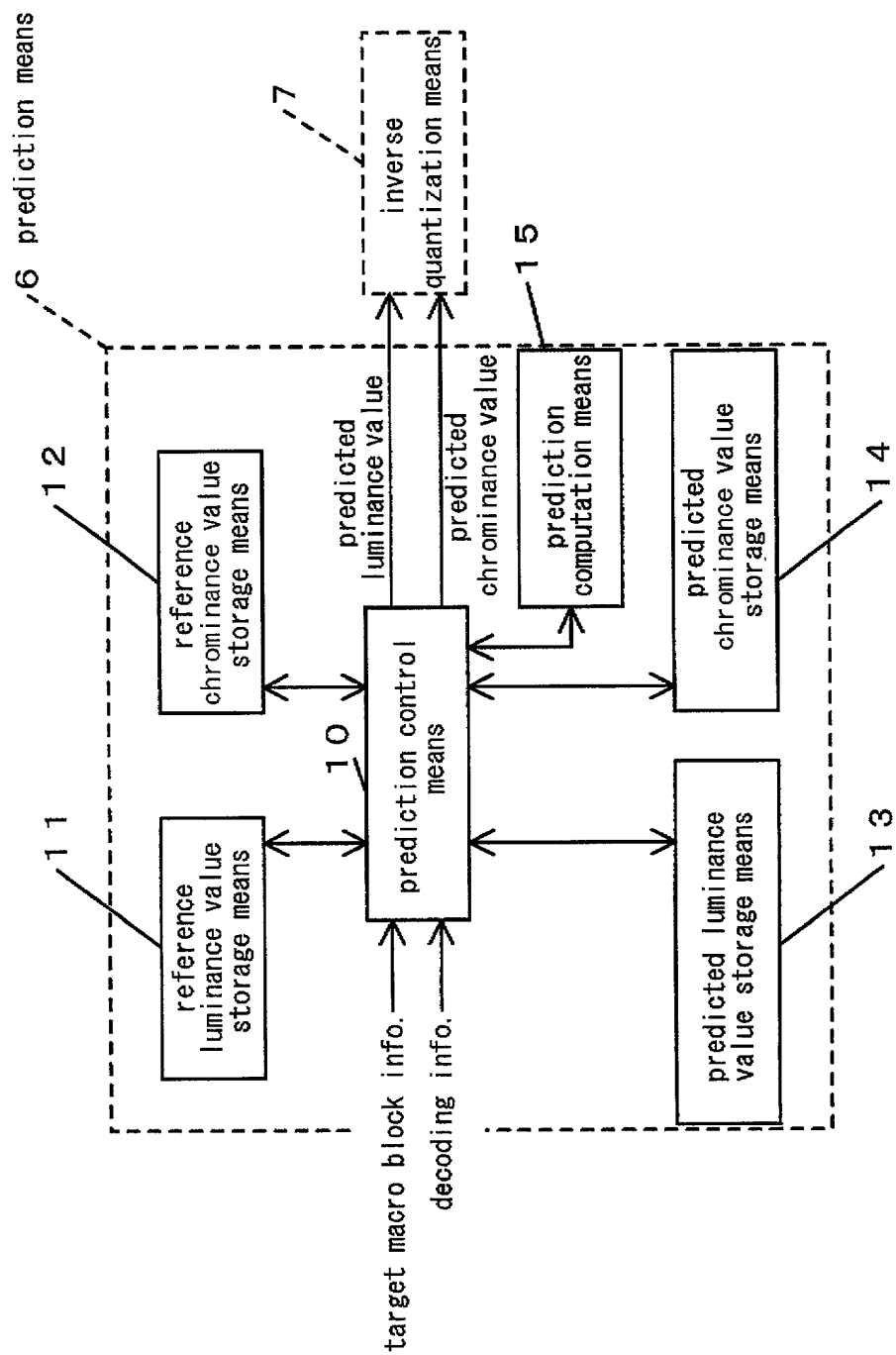


Fig.3

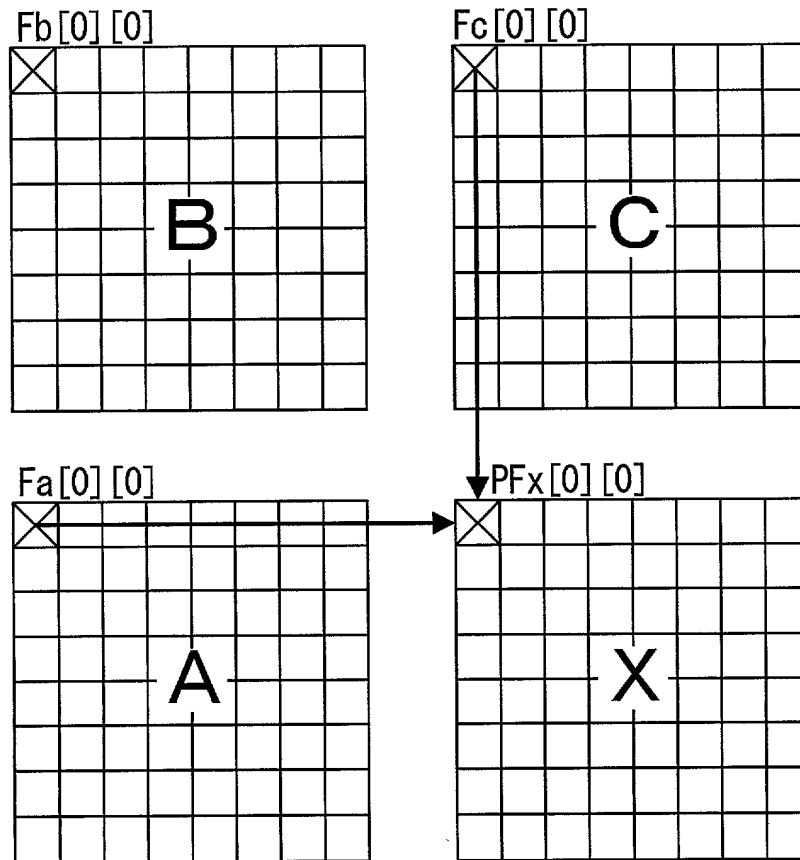


Fig.4

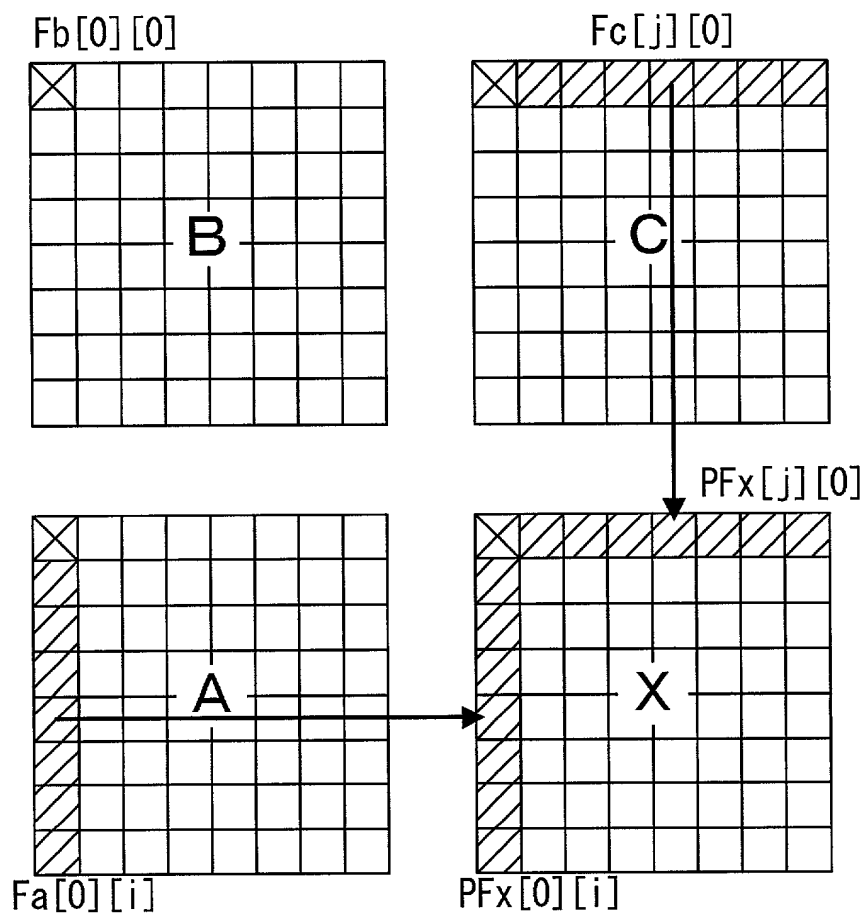


Fig.5

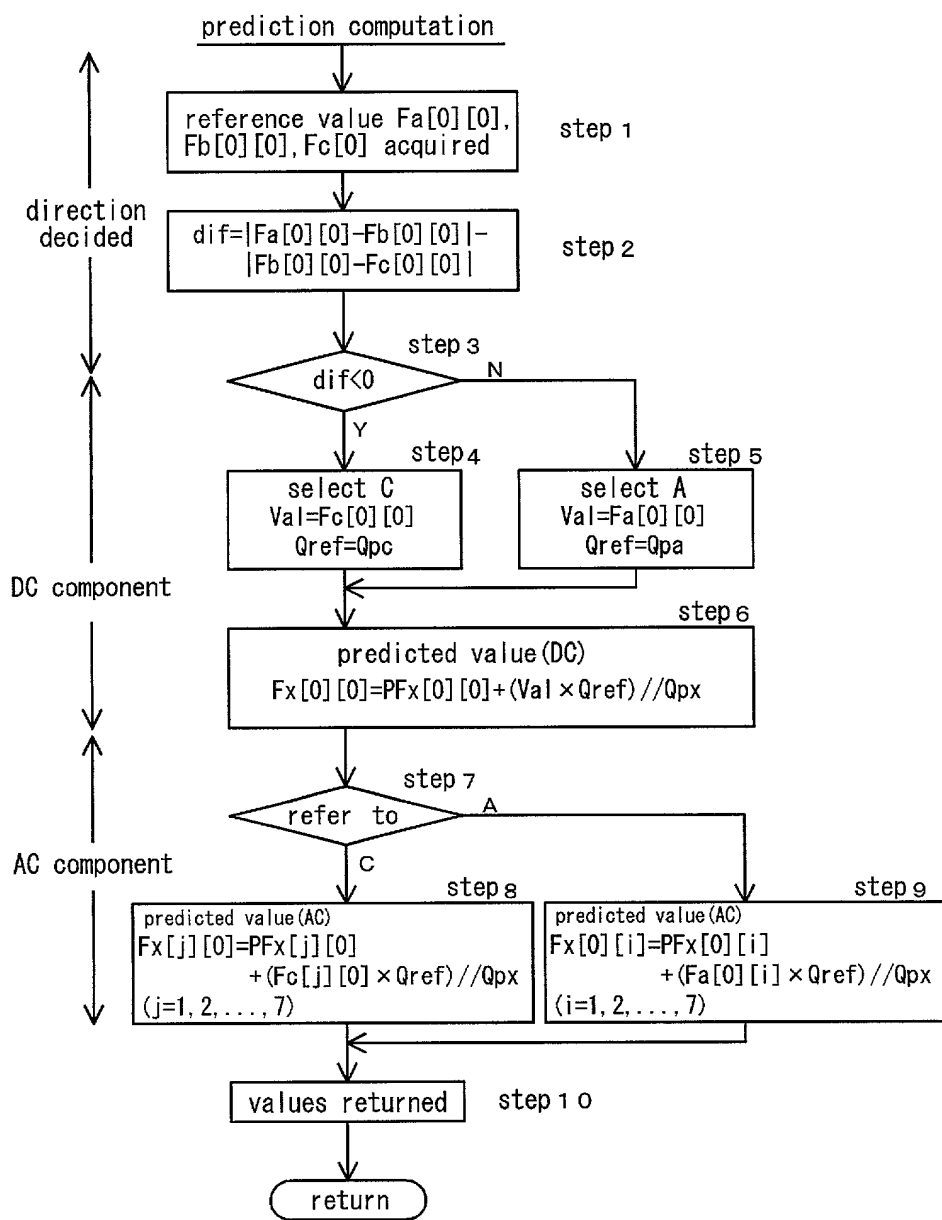
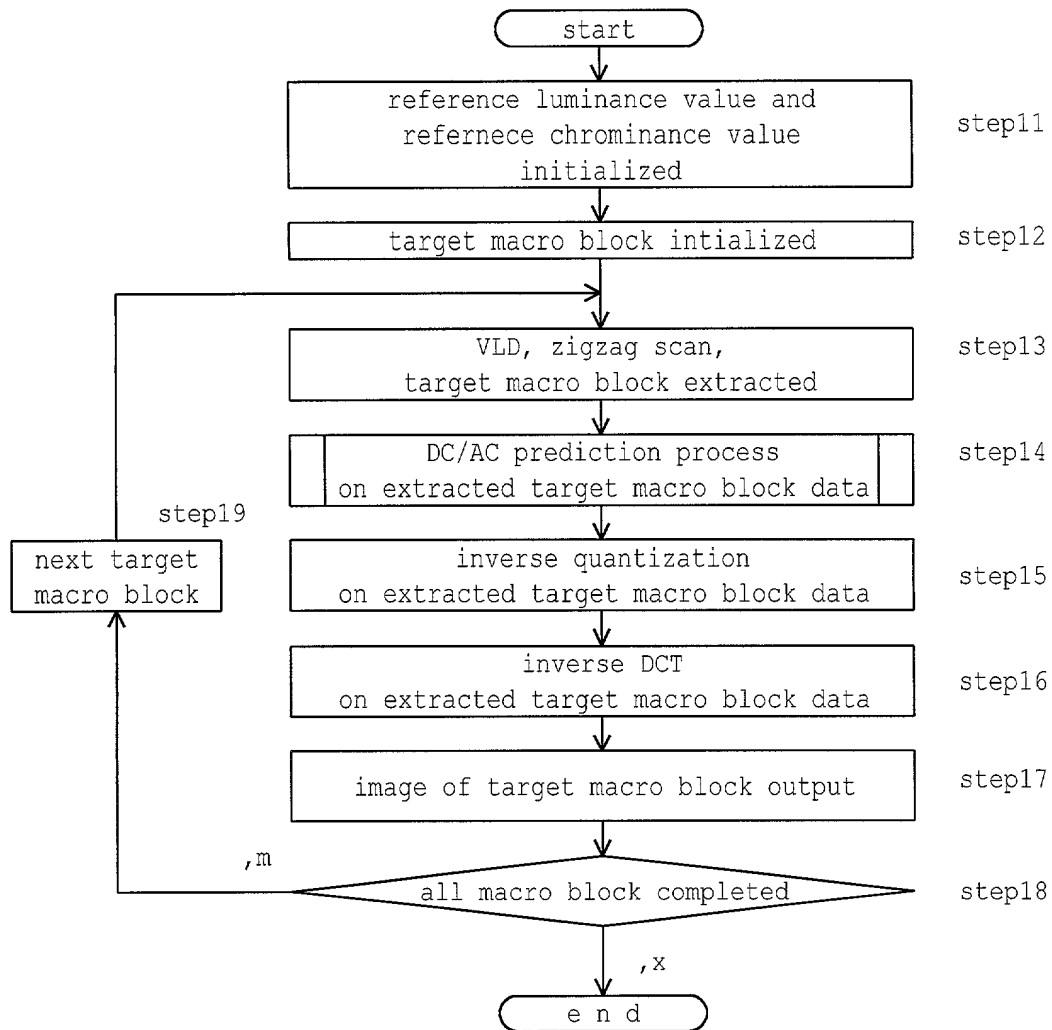


Fig.6



**Fig.7**

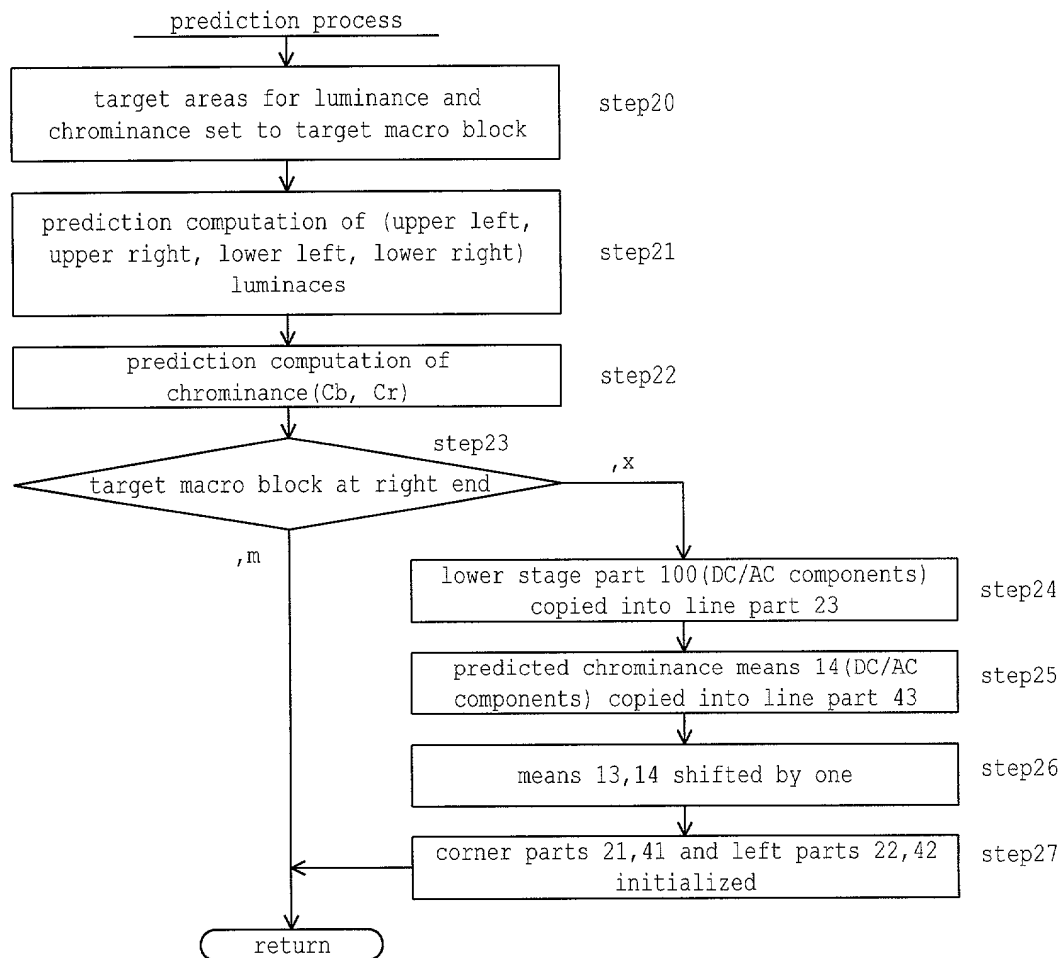


Fig. 8

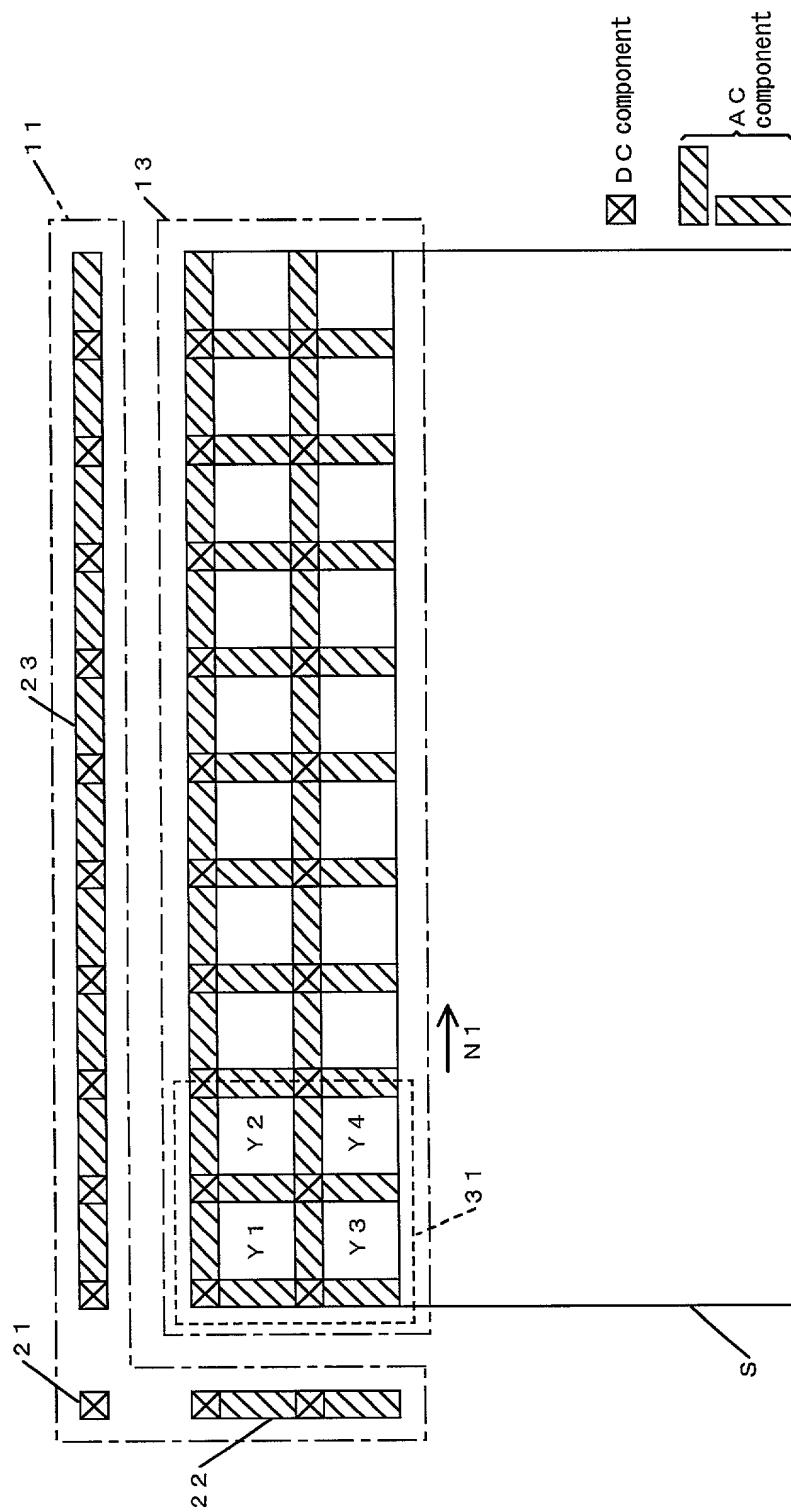




Fig.9

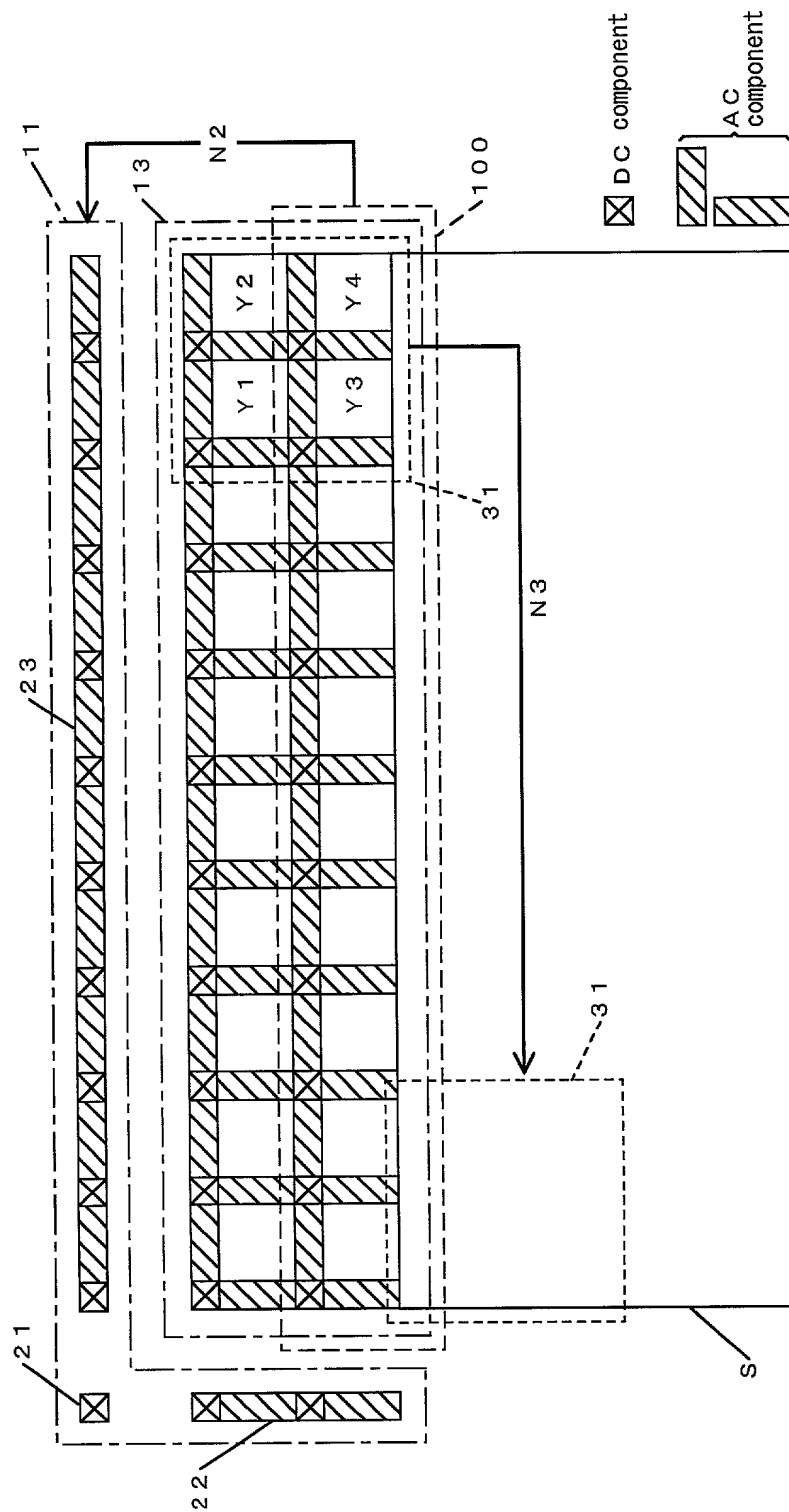


Fig.10

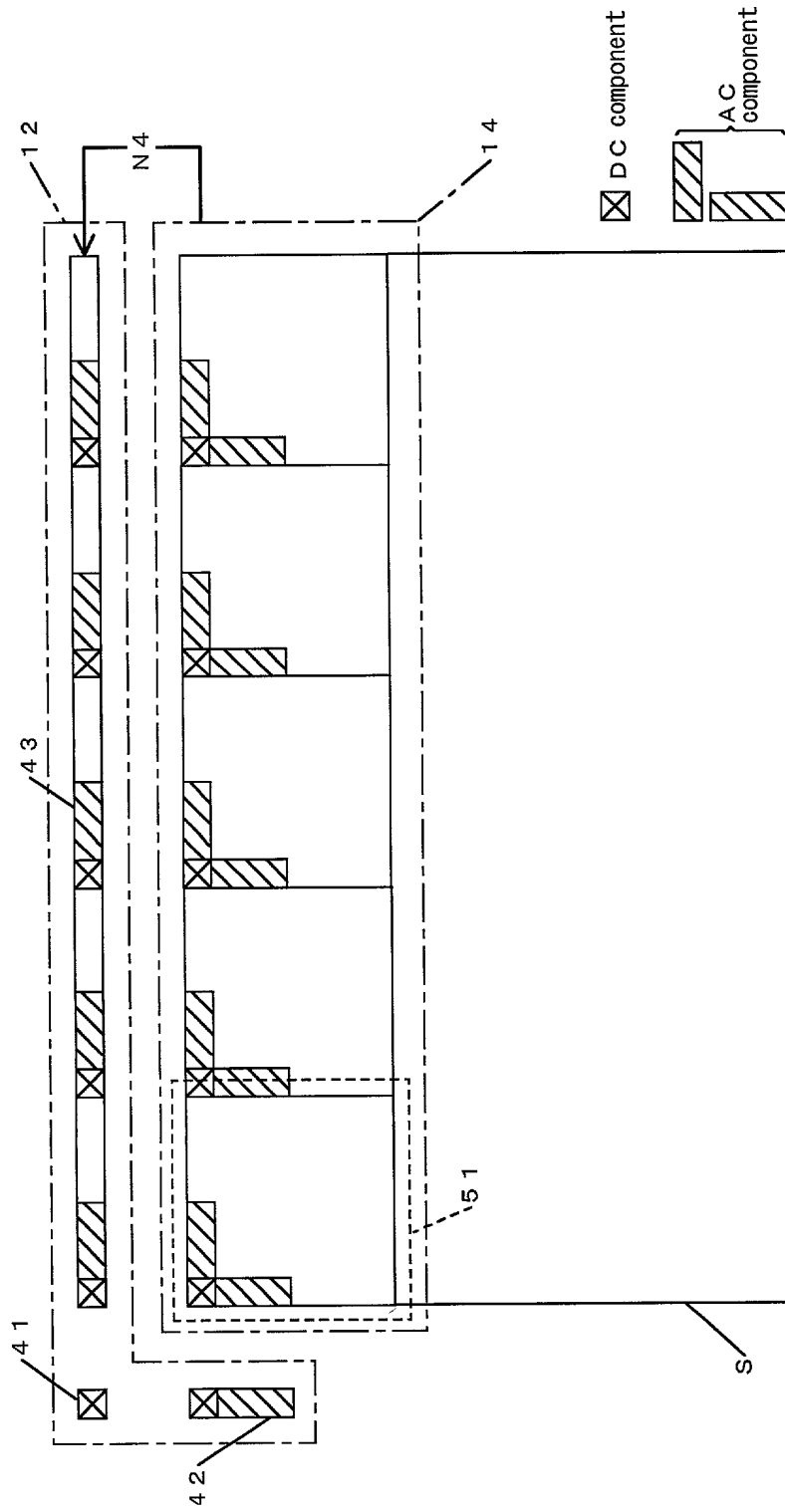


Fig.11

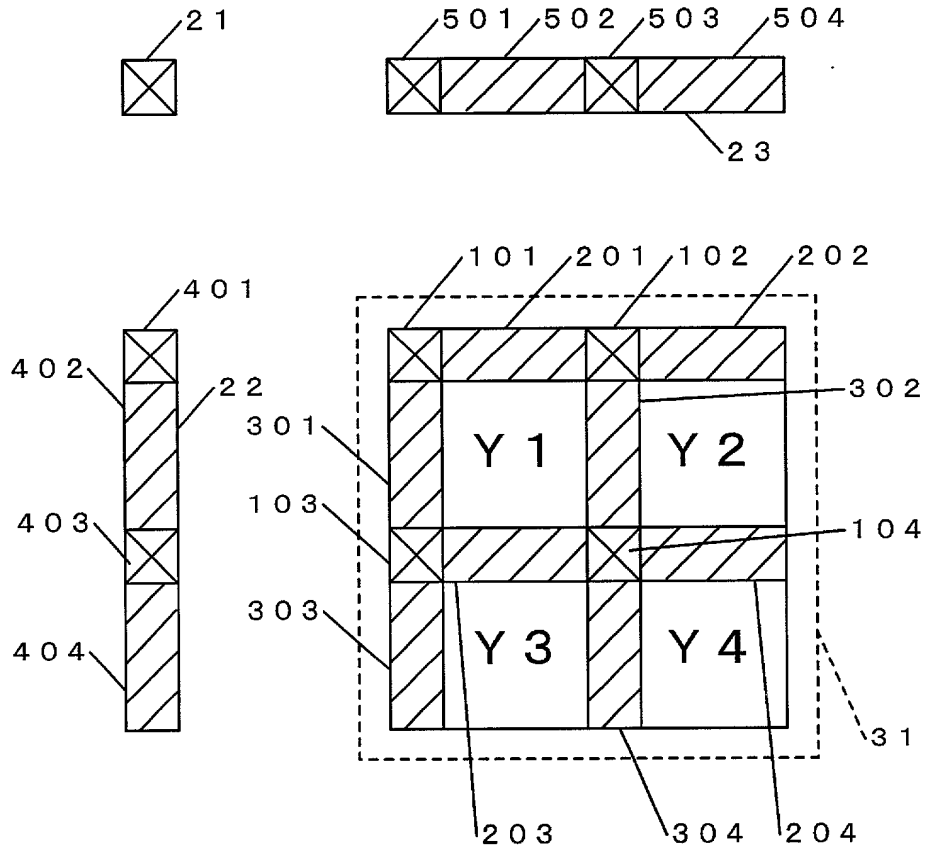
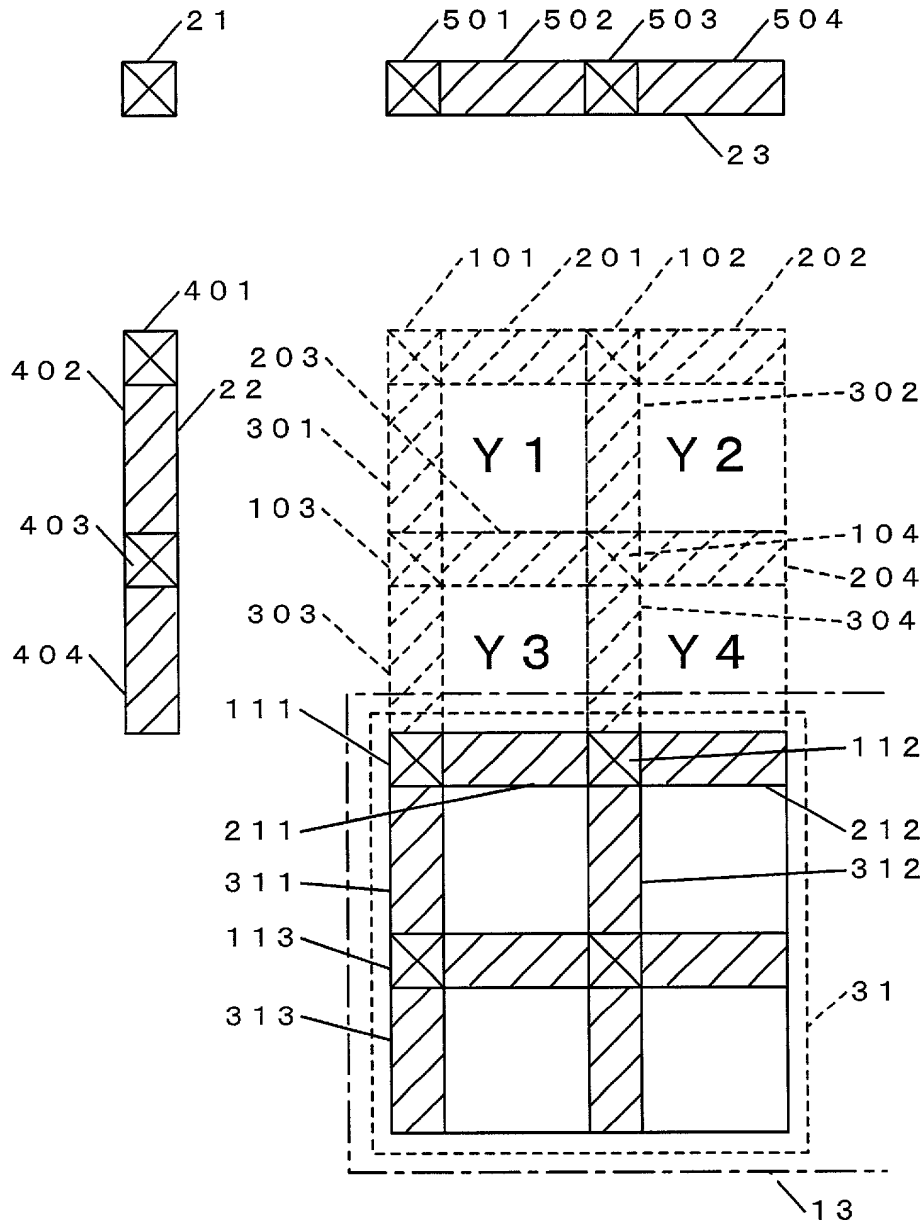


Fig.12



**Fig.13**

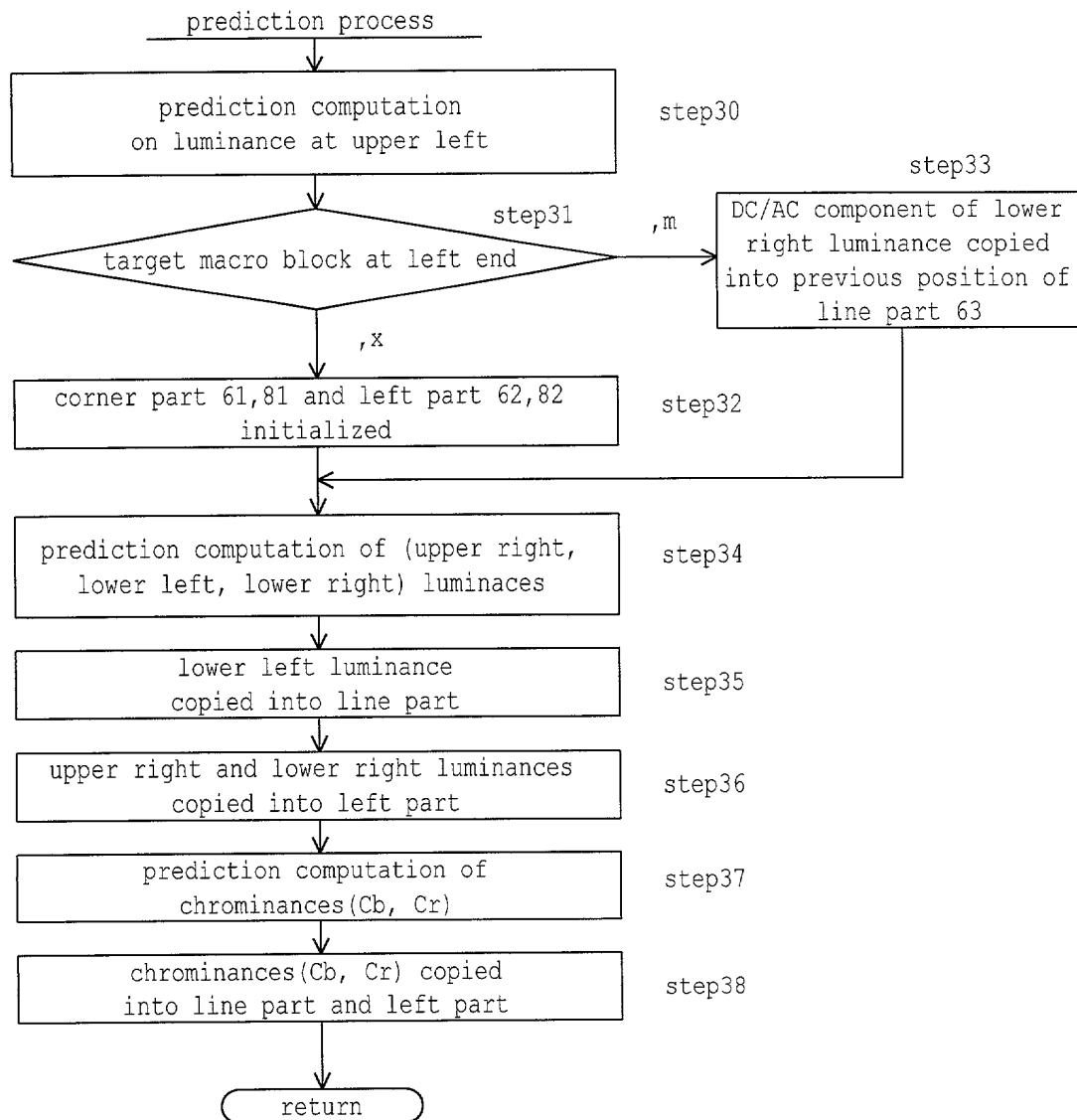


Fig.14

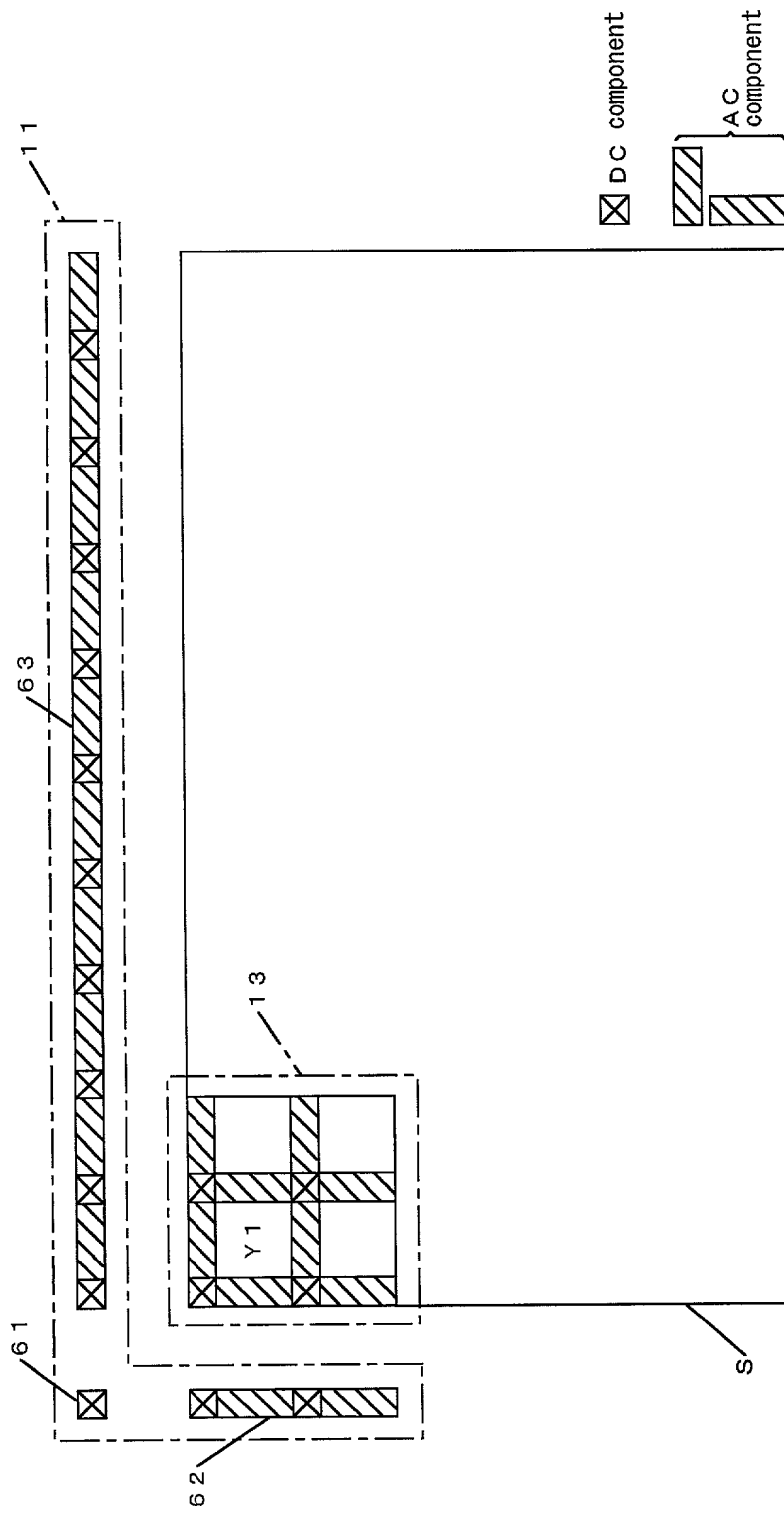
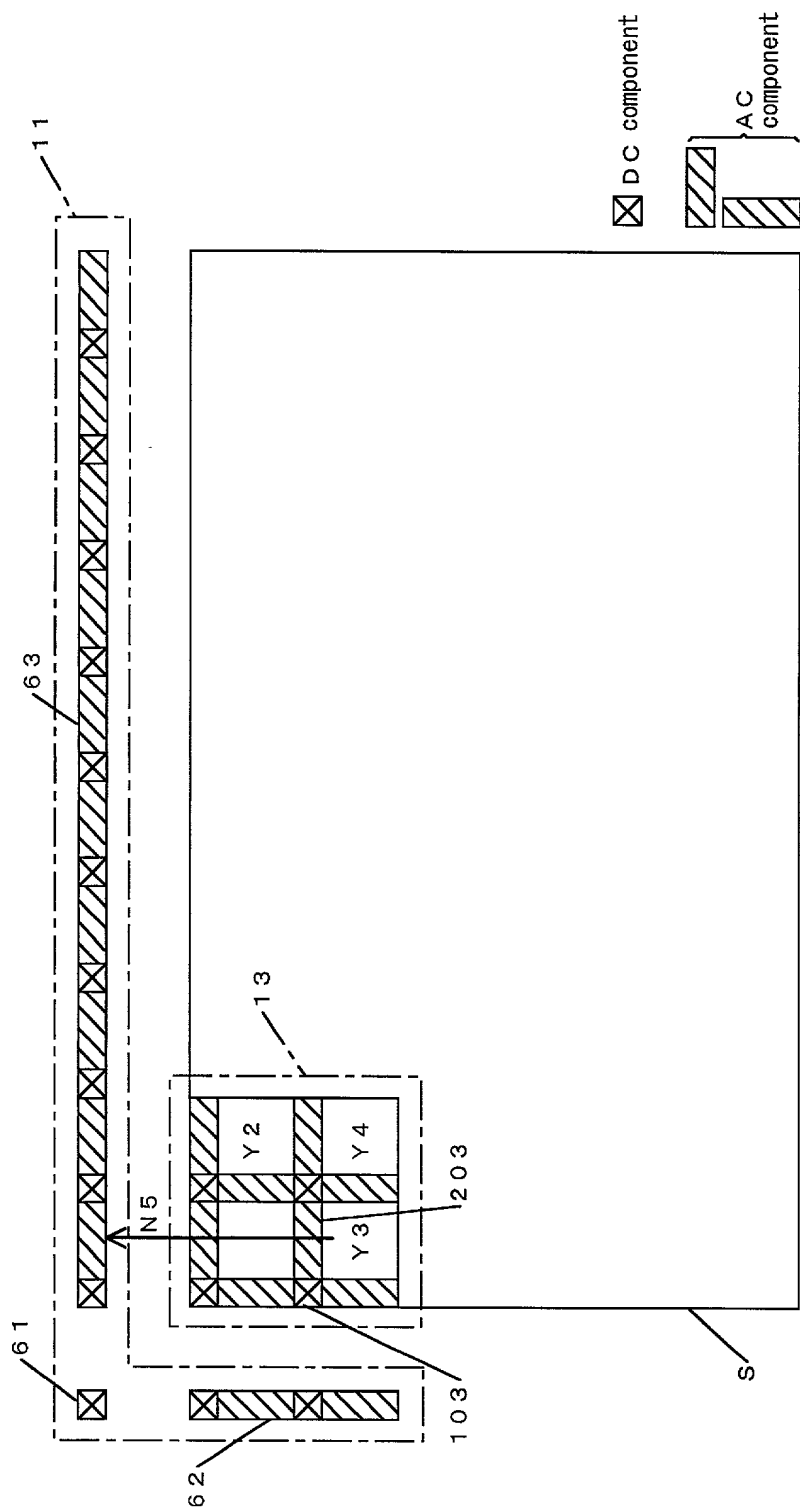


FIG. 15 is a schematic diagram of a power supply system for a vehicle. The system includes a battery 100, a DC-DC converter 101, and a load 102. The battery 100 is connected to the DC-DC converter 101, which is connected to the load 102. The DC-DC converter 101 is configured to convert the DC voltage from the battery 100 to a higher DC voltage for the load 102. The load 102 is a motor that drives the vehicle. The system is controlled by a control unit 103, which is connected to the DC-DC converter 101 and the load 102. The control unit 103 is configured to control the operation of the DC-DC converter 101 and the load 102. The system is shown in a simplified block diagram format, with the battery 100, DC-DC converter 101, and load 102 represented by rectangles. The control unit 103 is represented by a rectangle with a dashed border. The connections between the components are shown by solid lines. The battery 100 is labeled with a plus sign (+) and a minus sign (-). The DC-DC converter 101 is labeled with a plus sign (+) and a minus sign (-). The load 102 is labeled with a plus sign (+) and a minus sign (-). The control unit 103 is labeled with a plus sign (+) and a minus sign (-). The system is shown in a perspective view, with the battery 100, DC-DC converter 101, and load 102 arranged in a row. The control unit 103 is positioned below the DC-DC converter 101. The battery 100 is connected to the DC-DC converter 101 by a line. The DC-DC converter 101 is connected to the load 102 by a line. The control unit 103 is connected to the DC-DC converter 101 by a line. The control unit 103 is connected to the load 102 by a line. The system is shown in a simplified block diagram format, with the battery 100, DC-DC converter 101, and load 102 represented by rectangles. The control unit 103 is represented by a rectangle with a dashed border. The connections between the components are shown by solid lines. The battery 100 is labeled with a plus sign (+) and a minus sign (-). The DC-DC converter 101 is labeled with a plus sign (+) and a minus sign (-). The load 102 is labeled with a plus sign (+) and a minus sign (-). The control unit 103 is labeled with a plus sign (+) and a minus sign (-). The system is shown in a perspective view, with the battery 100, DC-DC converter 101, and load 102 arranged in a row. The control unit 103 is positioned below the DC-DC converter 101. The battery 100 is connected to the DC-DC converter 101 by a line. The DC-DC converter 101 is connected to the load 102 by a line. The control unit 103 is connected to the DC-DC converter 101 by a line. The control unit 103 is connected to the load 102 by a line.

Fig.15



**Fig.16**

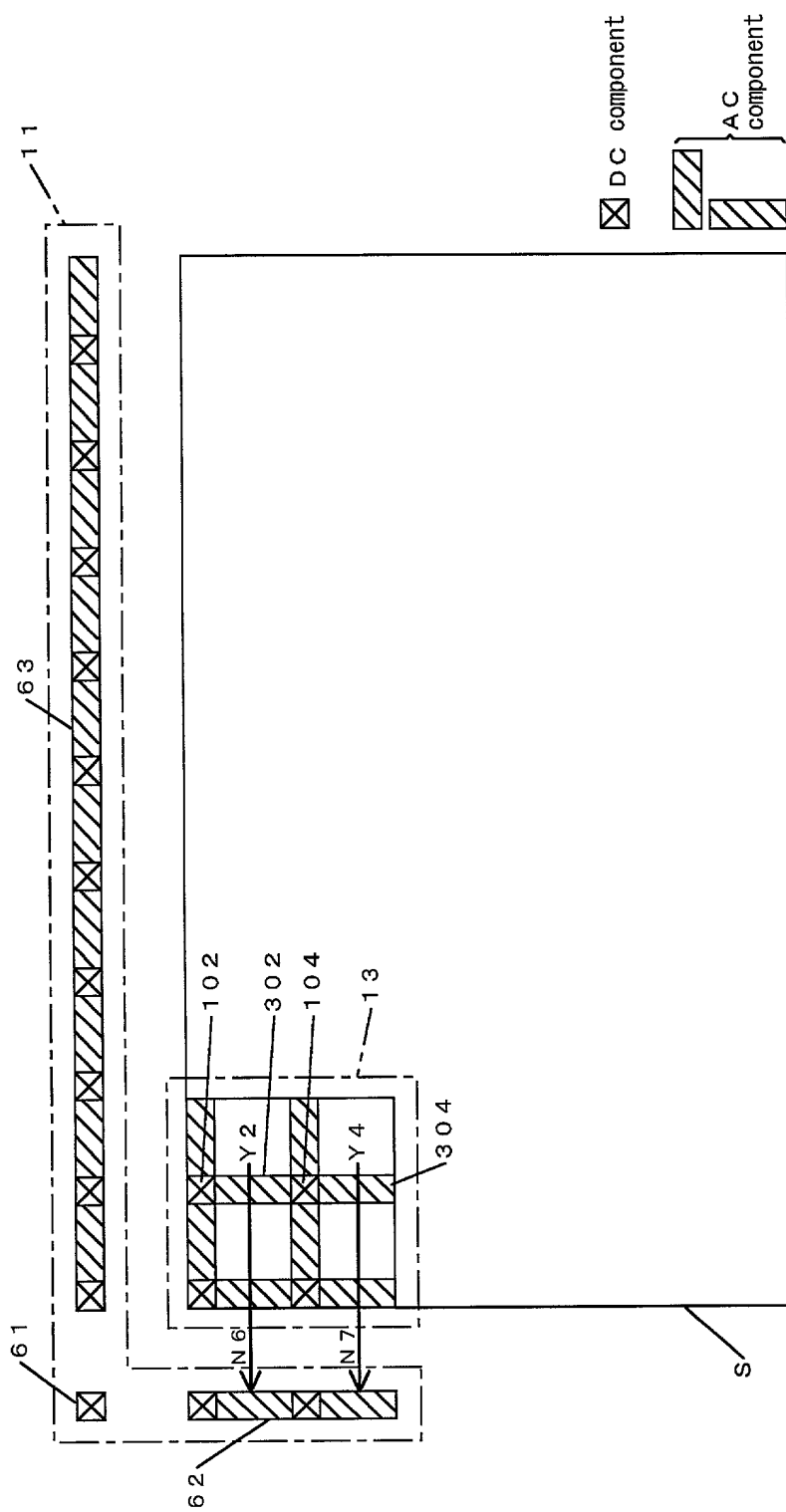




FIG. 17

Fig.17

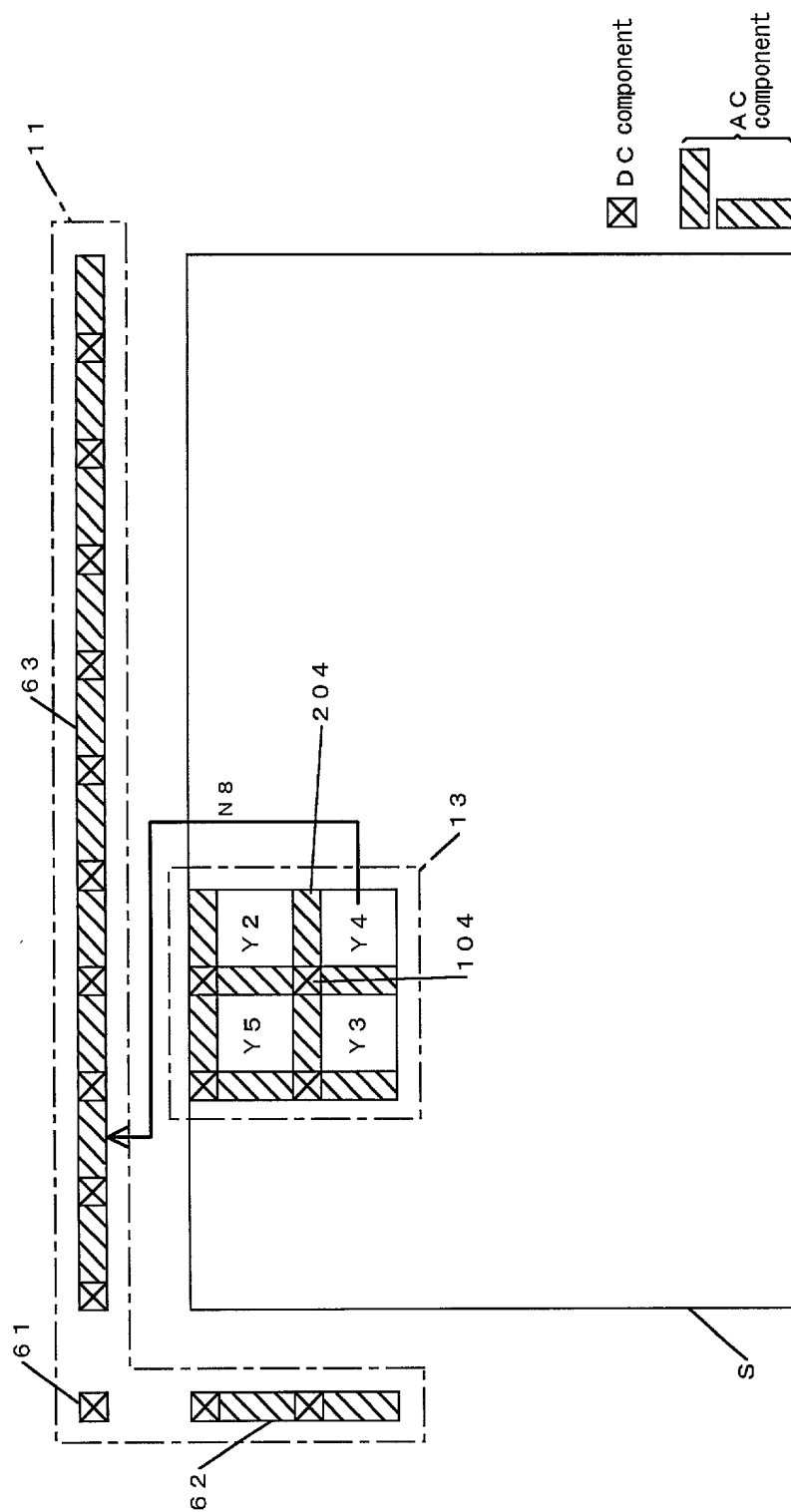


Fig.18

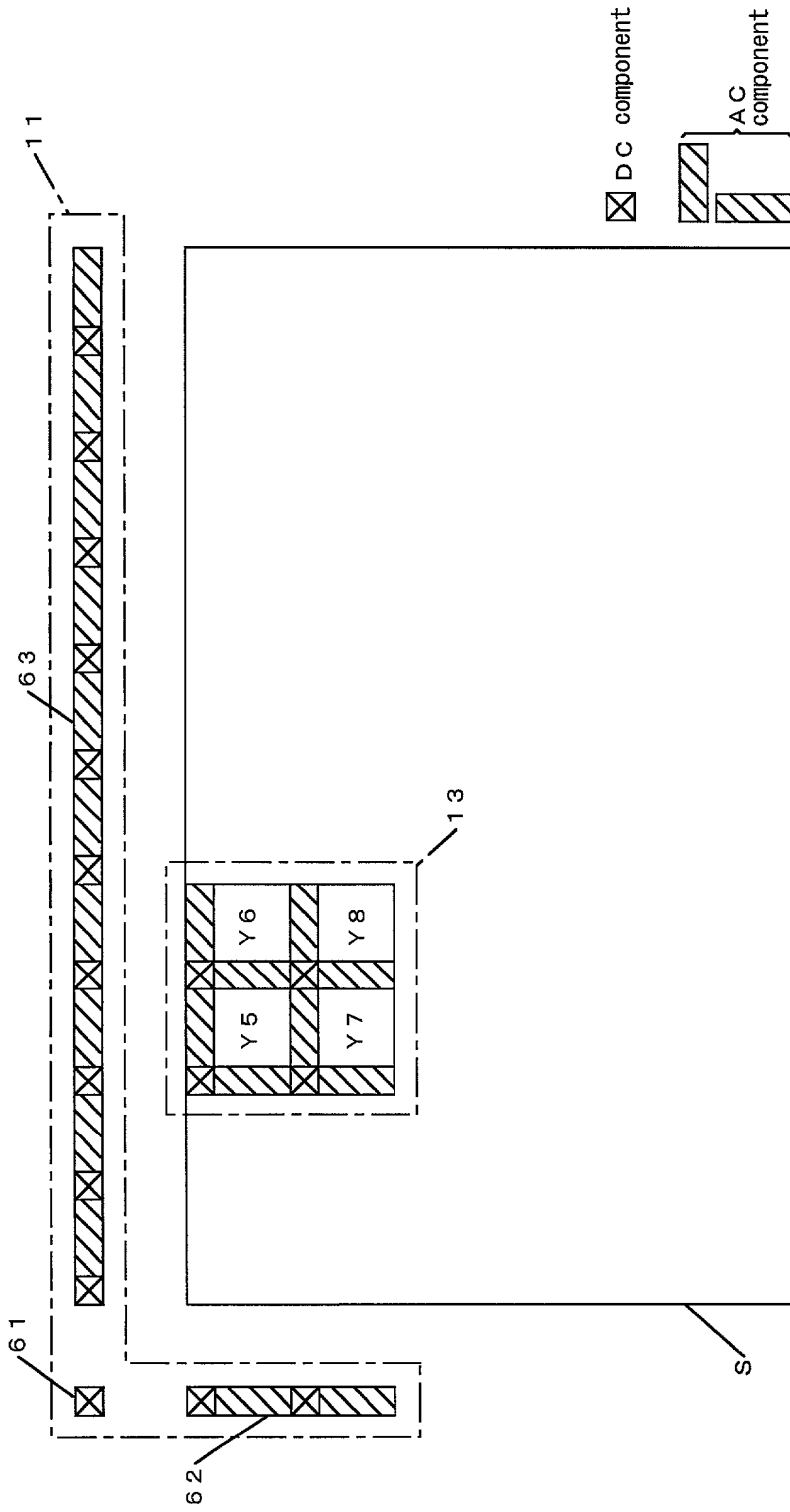


Fig.19

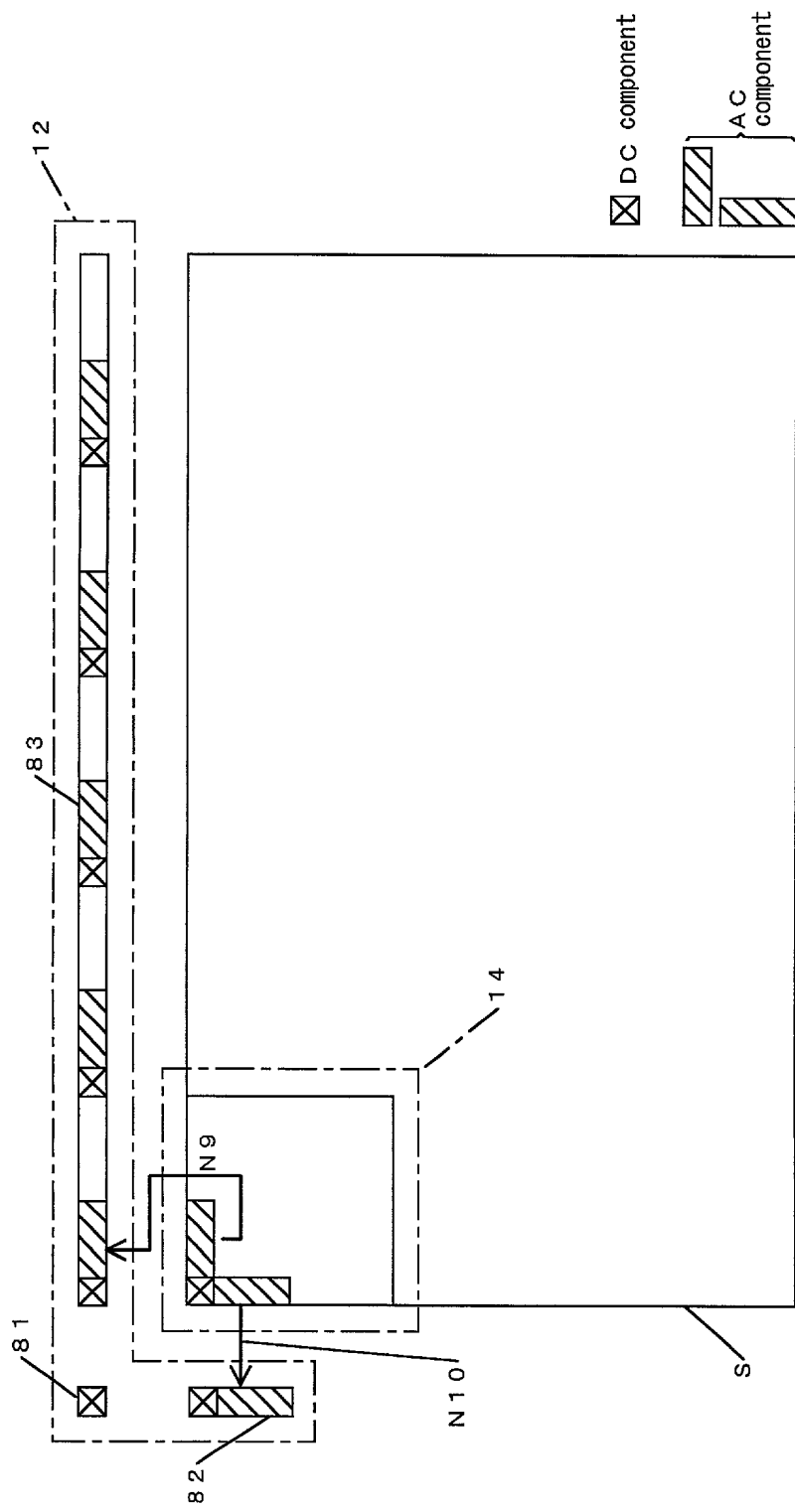


Fig.20

